

Atty. Dkt. No. 039386-0220 (PF-0561-USN)

Appln. No. 09/744,196

Amendments to the Claims:

Please amend claims 4, 5, and 8 as follows. This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

- 1-2. (Canceled)
3. (Previously presented) An isolated and purified polynucleotide encoding ~~the a~~ polypeptide ~~of claim 1~~ comprising an amino acid sequence selected from the group consisting of SEQ ID NO:1, SEQ ID NO:2, SEQ ID NO:3, SEQ ID NO:4, SEQ ID NO:5, and fragments thereof.
4. (Currently amended) An isolated and purified polynucleotide variant having at least ~~[[90%]]~~ 95% polynucleotide sequence identity to the polynucleotide of claim 3.
5. (Currently amended) An isolated and purified polynucleotide which hybridizes under stringent conditions to the polynucleotide of claim 3, wherein said conditions comprise 37°C in 500 mM NaCl, 50 mM trisodium citrate, 1% SDS, 35% formamide, and 100 µg/ml denatured salmon sperm DNA (ssDNA).
6. (Original) An isolated and purified polynucleotide having a sequence which is complementary to the polynucleotide sequence of claim 3.
7. (Original) An isolated and purified polynucleotide comprising a polynucleotide sequence selected from the group consisting of SEQ ID NO:6, SEQ ID NO:7, SEQ ID NO:8, SEQ ID NO:9, SEQ ID NO:10, and fragments thereof.
8. (Currently amended) An isolated and purified polynucleotide variant having at least ~~[[90%]]~~ 95% polynucleotide sequence identity to the polynucleotide of claim 7.

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9. (Original) An isolated and purified polynucleotide having a sequence which is complementary to the polynucleotide of claim 7.
10. (Original) An expression vector comprising at least a fragment of the polynucleotide of claim 3.
11. (Previously presented) An isolated host cell comprising the expression vector of claim 10.
- 12-21. (Canceled)